WHAT IS CLAIMED IS:

1. An inkjet recording head having an upright position corresponding to a position in use thereof, comprising:

a tank for containing ink, the tank being divided into plural chambers including at least one needle-receiving chamber and at least one main chamber whose capacity is larger than said needle-receiving chamber, said main chamber and said needle-receiving chamber being connected through a connecting hole therebetween,

wherein said needle-receiving chamber includes an opening for insertably receiving a needle for supplying ink into or discharging air from said needle-receiving chamber, and

wherein in the upright position, the connecting hole is situated above the opening.

- 2. An inkjet recording head according to Claim 1, wherein the opening is closed by a resilient joint through which the needle can pass.
- 3. An inkjet recording head according to Claim 2, wherein the needle is not insertable into said main chamber.
 - 4. An inkjet recording head according to Claim 1,

wherein, when a large amount of ink is supplied to said needle-receiving chamber the ink flows from said needle-receiving chamber to said main chamber through the connecting hole.

- 5. An inkjet recording head according to Claim 1, wherein, when the amount of ink inside said main chamber decreases, the ink flows from said needle-receiving chamber to said main chamber through the connecting hole in order to replenish the main chamber with ink.
- 6. An inkjet recording head according to Claim 1, wherein the connecting hole has an opening diameter that allows formation of a meniscus of the ink.
- 7. An inkjet recording device comprising: the inkjet recording head of any one of Claims 1 to 6, and

supply means for supplying ink to said tank of said inkjet recording head, said supply means including a needle which is inserted into said needle-receiving chamber.

8. An inkjet recording device according to Claim 7, wherein said inkjet recording head comprises first and second needle-receiving chambers together with corresponding

first and second openings and first and second connecting holes, said inkjet recording device further comprising discharge means for discharging air from the tank through a first needle inserted into said first needle-receiving chamber, wherein said supply means supplies ink to said second needle-receiving chamber.

- 9. An inkjet recording device according to Claim 8, wherein said first needle-receiving chamber is disposed vertically above said second needle-receiving chamber in the upright position.
- 10. An inkjet recording device according to Claim 8, wherein said needles are essentially inserted at the same time in said first and second needle-receiving chambers.
- 11. An inkjet recording head according to Claim 1, wherein said inkjet recording head comprises first and second needle-receiving chambers together with corresponding first and second openings and first and second connecting holes.
- 12. An inkjet recording head according to Claim 11, wherein said first needle-receiving chamber is disposed vertically above said second needle-receiving chamber in the

upright position.

13. An inkjet recording head comprising:

a tank for containing ink, the tank being divided into plural chambers including at least one needle-receiving chamber and at least one main chamber whose capacity is larger than said needle-receiving chamber, said main chamber and said needle-receiving chamber being connected through a connecting hole therebetween,

wherein said needle-receiving chamber includes an opening for insertably receiving a needle for supplying ink into or discharging air from said needle-receiving chamber, and

wherein said connecting hole is sized small so as to allow formation of a meniscus of ink.

- 14. An inkjet recording head according to Claim 13, wherein the opening is closed by a resilient joint through which the needle can pass.
- 15. An inkjet recording head according to Claim 14, wherein the needle is not insertable into said main chamber.
- 16. An inkjet recording head according to Claim 13, wherein, when a large amount of ink is supplied to said needle-receiving chamber the ink flows from said needle-receiving chamber to said main chamber through the connecting hole.
- 17. An inkjet recording head according to Claim 13, wherein, when the amount of ink inside said main chamber decreases, the ink flows from said needle-receiving chamber to said main chamber through the connecting hole in order to replenish the main chamber with ink.

- 18. An inkjet recording head according to Claim 13, wherein said inkjet recording head has an upright position corresponding to a use position thereof, and wherein in the upright position, the connecting hole is situated above the opening.
- 19. An inkjet recording device comprising: the inkjet recording head of any one of Claims 13 to 18, and

supply means for supplying ink to said tank of said inkjet recording head, said supply means including a needle which is inserted into said needle-receiving chamber.

- 20. An inkjet recording device according to Claim 19, wherein said inkjet recording head comprises first and second needle-receiving chambers together with corresponding first and second openings and first and second connecting holes, said inkjet recording device further comprising discharge means for discharging air from the tank through a first needle inserted into said first needle-receiving chamber, wherein said supply means supplies ink to said second needle-receiving chamber.
- 21. An inkjet recording device according to Claim 20, wherein said first needle-receiving chamber is disposed vertically above said second needle-receiving chamber in the upright position.
- 22. An inkjet recording device according to Claim 20, wherein said needles are essentially inserted at the same time in said first and second needle-receiving chambers.
- 23. An inkjet recording head according to Claim 13, wherein said inkjet recording head comprises first and second needle-receiving chambers together with corresponding first

and second openings and first and second connecting holes.

24. An inkjet recording head according to Claim 23, wherein said first needle-receiving chamber is disposed vertically above said second needle-receiving chamber.